

Docket No.

10402-011

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MANIPULATION OF ARTERIAL-VEINUS IDENTITY

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on _____ as United States Application No. or PCT International

Application Number _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/222,759

3/Aug/2000

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

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Residence	
Citizenship	
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Parameter	Unit	Value
Initial concentration	mol/L	0.10
Final concentration	mol/L	0.05
Initial volume	L	1.0
Final volume	L	2.0
Initial pressure	atm	1.0
Final pressure	atm	0.5
Initial temperature	K	300
Final temperature	K	300
Initial density	g/L	1.0
Final density	g/L	0.5
Initial viscosity	P	0.01
Final viscosity	P	0.01
Initial conductivity	S/cm	0.1
Final conductivity	S/cm	0.05
Initial refractive index	n	1.0
Final refractive index	n	0.5
Initial surface tension	N/m	0.072
Final surface tension	N/m	0.072
Initial compressibility	1/Pa	1.0
Final compressibility	1/Pa	1.0
Initial thermal conductivity	W/mK	0.026
Final thermal conductivity	W/mK	0.026
Initial specific heat	J/kgK	4182
Final specific heat	J/kgK	4182
Initial latent heat	J/kg	334000
Final latent heat	J/kg	334000
Initial enthalpy	J/kg	418200
Final enthalpy	J/kg	418200
Initial entropy	J/kgK	1281
Final entropy	J/kgK	1281
Initial Gibbs free energy	J/kg	418200
Final Gibbs free energy	J/kg	418200
Initial Helmholtz free energy	J/kg	418200
Final Helmholtz free energy	J/kg	418200
Initial internal energy	J/kg	418200
Final internal energy	J/kg	418200
Initial enthalpy of formation	J/kg	418200
Final enthalpy of formation	J/kg	418200
Initial entropy of formation	J/kgK	1281
Final entropy of formation	J/kgK	1281
Initial Gibbs free energy of formation	J/kg	418200
Final Gibbs free energy of formation	J/kg	418200
Initial Helmholtz free energy of formation	J/kg	418200
Final Helmholtz free energy of formation	J/kg	418200
Initial internal energy of formation	J/kg	418200
Final internal energy of formation	J/kg	418200
Initial enthalpy of formation per mole	J/mol	418200
Final enthalpy of formation per mole	J/mol	418200
Initial entropy of formation per mole	J/molK	1281
Final entropy of formation per mole	J/molK	1281
Initial Gibbs free energy of formation per mole	J/mol	418200
Final Gibbs free energy of formation per mole	J/mol	418200
Initial Helmholtz free energy of formation per mole	J/mol	418200
Final Helmholtz free energy of formation per mole	J/mol	418200
Initial internal energy of formation per mole	J/mol	418200
Final internal energy of formation per mole	J/mol	418200

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